

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110402.D
 Acq On : 2 Nov 2018 10:47
 Operator : JU/SJ
 Sample : J5755-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A-S

Quant Time: Nov 02 22:08:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

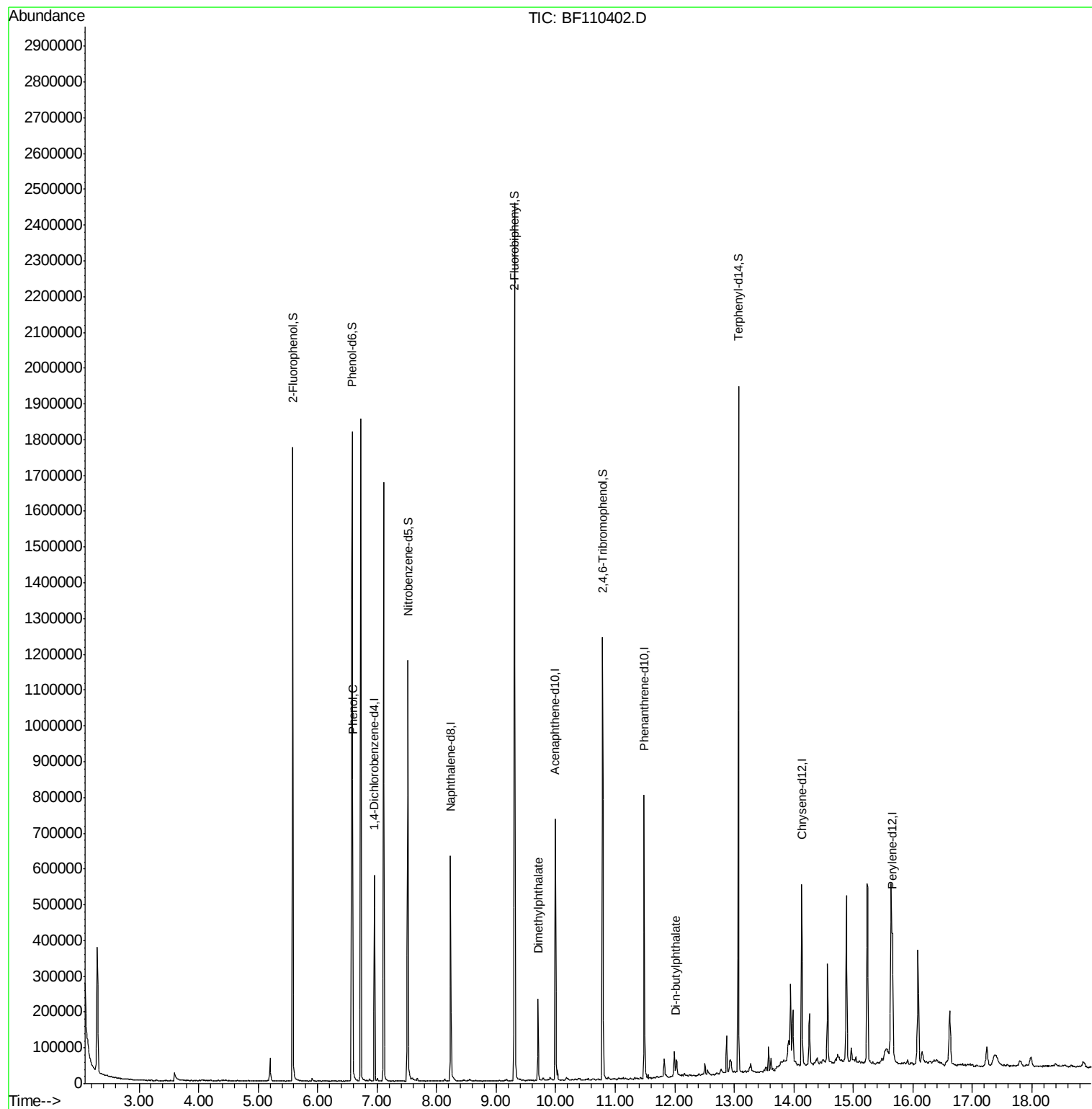
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84487	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	338046	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	159015	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	286084	20.00	ng	0.00
76) Chrysene-d12	14.13	240	167380	20.00	ng	0.00
87) Perylene-d12	15.66	264	172078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	496384	95.68	ng	0.00
7) Phenol-d6	6.58	99	629214	94.82	ng	0.00
23) Nitrobenzene-d5	7.52	82	391623	68.71	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	139667	88.67	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	727571	71.85	ng	0.00
79) Terphenyl-d14	13.07	244	584676	72.65	ng	0.00
Target Compounds						
10) Phenol	6.59	94	35653	5.026	ng	Qvalue # 64
50) Dimethylphthalate	9.70	163	100832	8.590	ng	98
74) Di-n-butylphthalate	12.03	149	36435	2.202	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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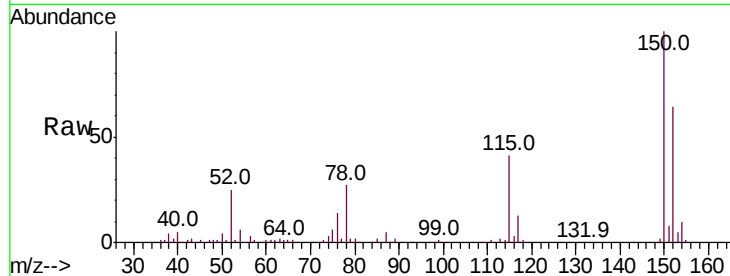


#1

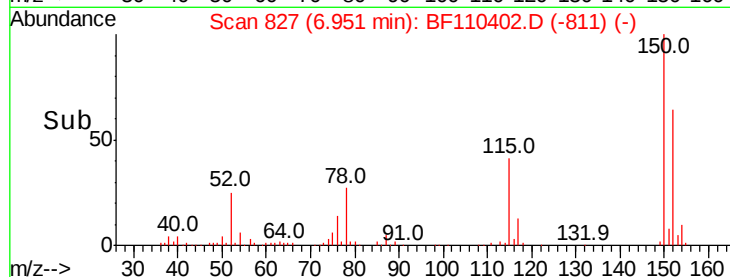
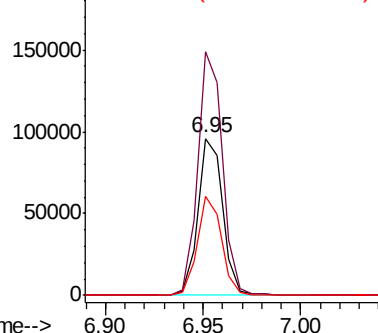
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
TP-2A-S

Tot Ion:152 Resp: 84487
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 63.2 49.1 73.7



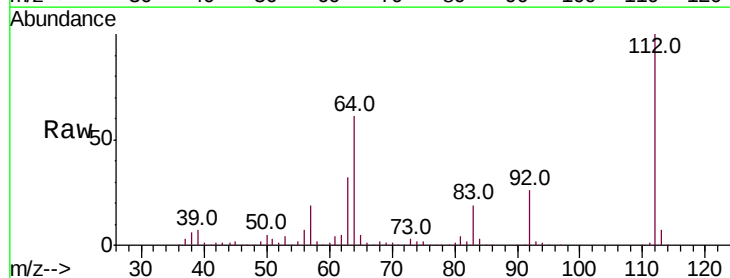
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



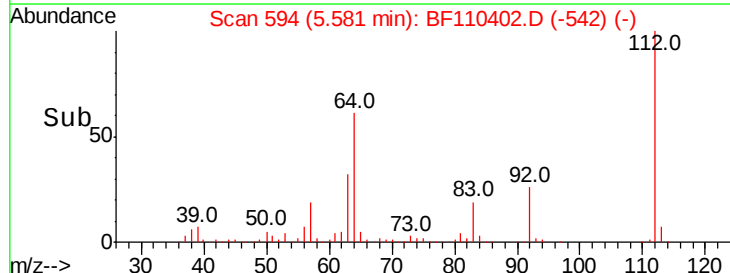
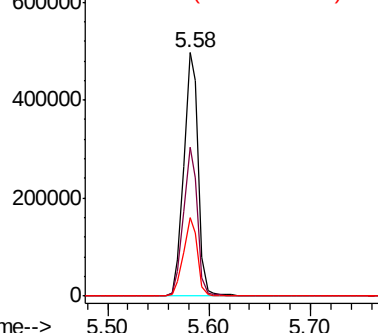
#5

2-Fluorophenol
Concen: 95.676 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Tgt Ion:112 Resp: 496384
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.817 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

Instrument :

BNA_F

ClientSampleId :

TP-2A-S

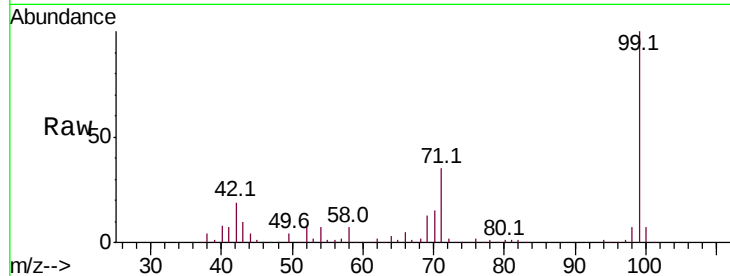
Tot Ion: 99 Resp: 629214

Ion Ratio Lower Upper

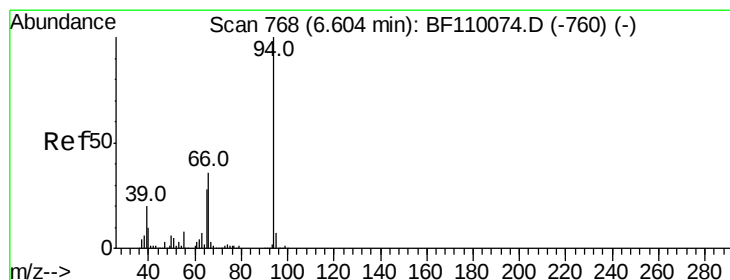
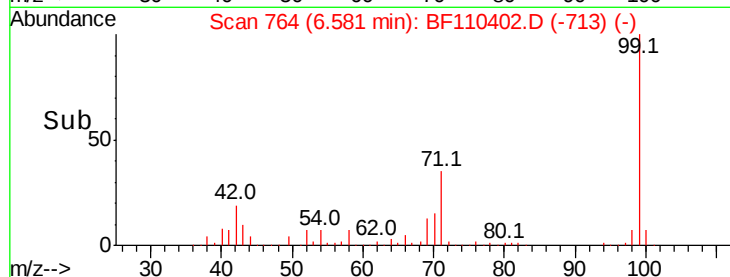
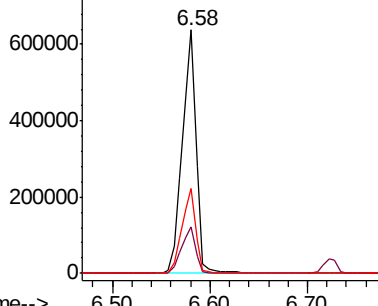
99 100

42 19.0 15.8 23.6

71 34.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.026 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

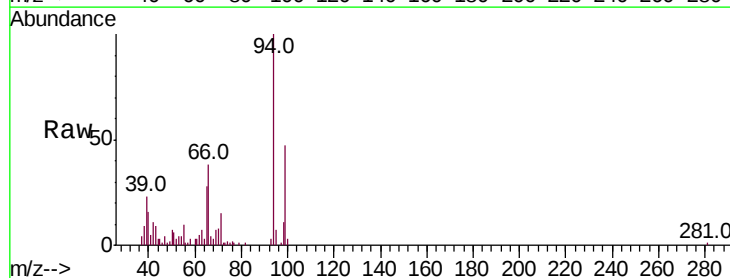
Tgt Ion: 94 Resp: 35653

Ion Ratio Lower Upper

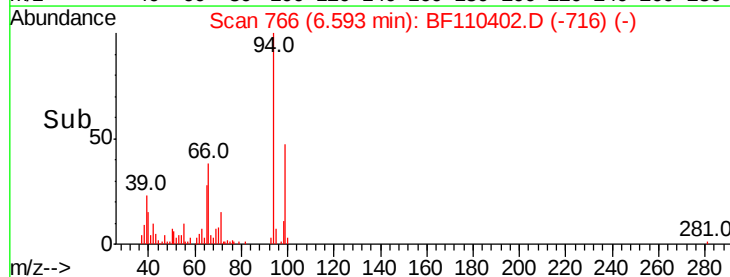
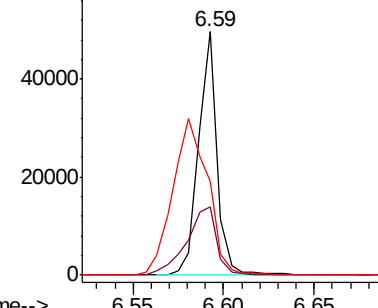
94 100

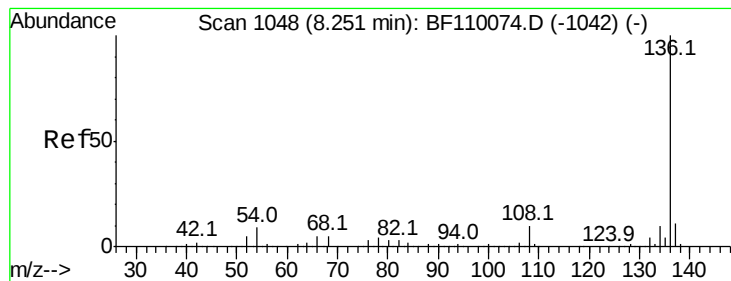
65 28.2 25.3 65.3

66 38.4 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

Instrument :

BNA_F

ClientSampleID :

TP-2A-S

Tot Ion:136 Resp: 338046

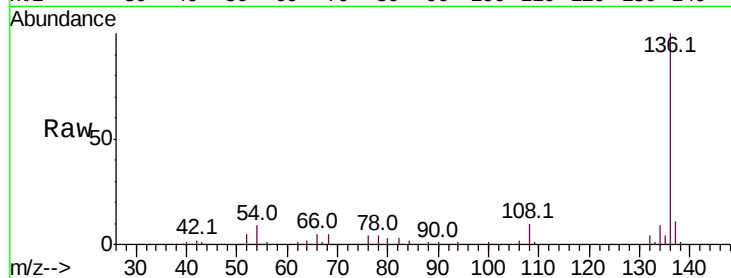
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.7 5.4 8.2#

68 5.3 4.2 6.2

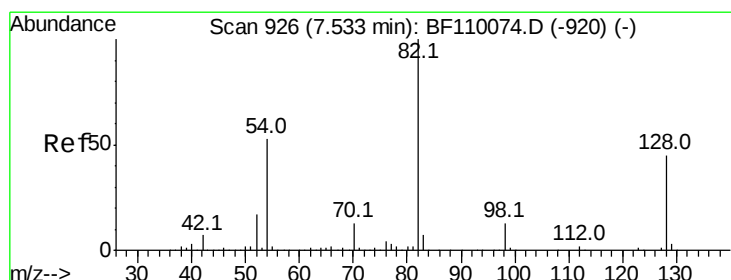
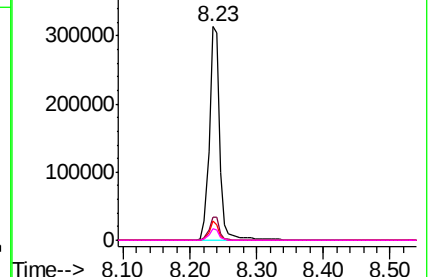
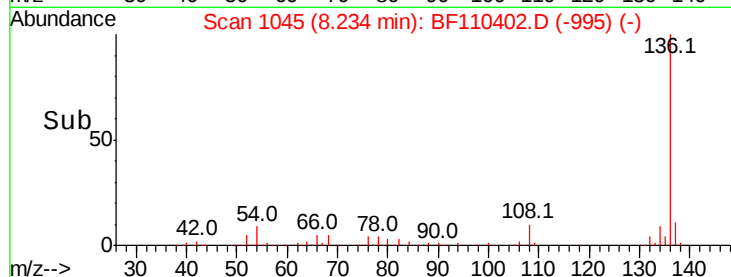


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 68.714 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

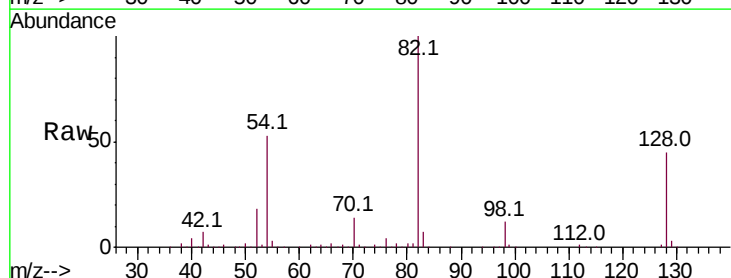
Tgt Ion: 82 Resp: 391623

Ion Ratio Lower Upper

82 100

128 45.1 34.2 51.2

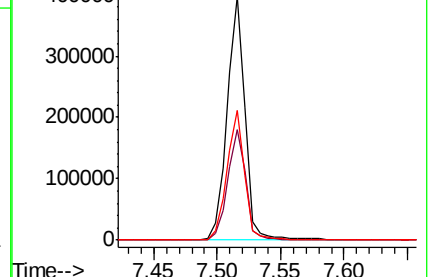
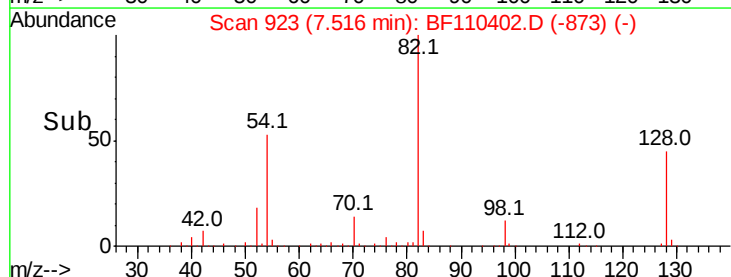
54 53.1 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

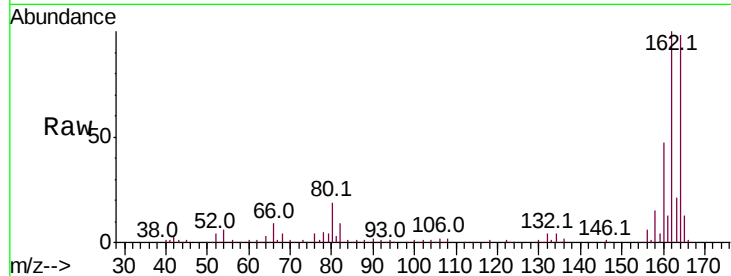




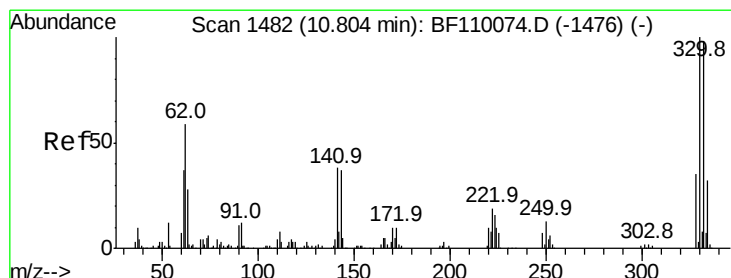
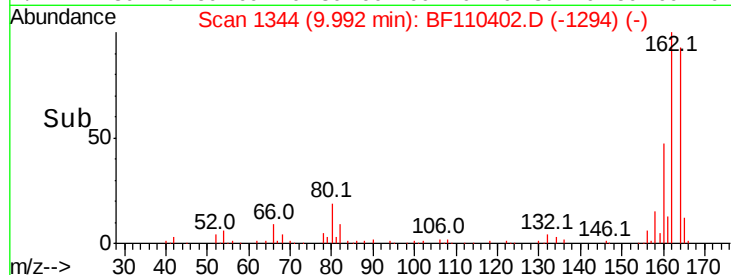
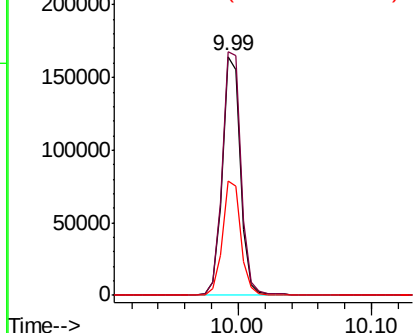
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
TP-2A-S

Tot Ion:164 Resp: 159015
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.6
160 47.9 37.0 55.6

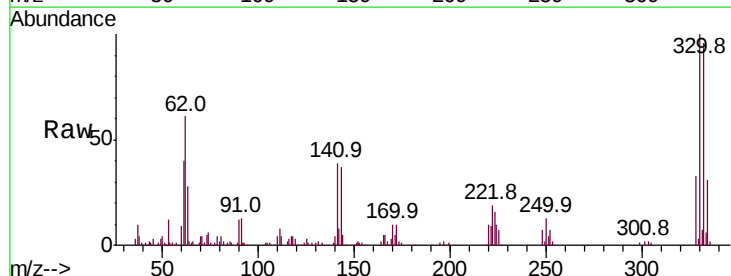


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

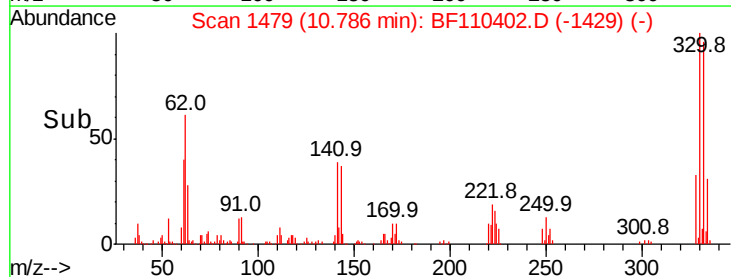
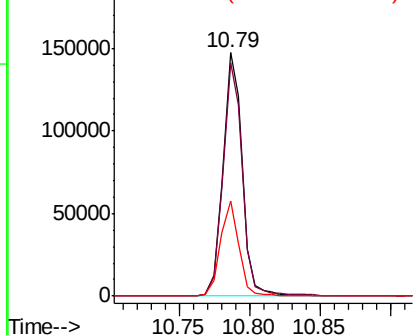


#42
2,4,6-Tribromophenol
Concen: 88.669 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Tgt Ion:330 Resp: 139667
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

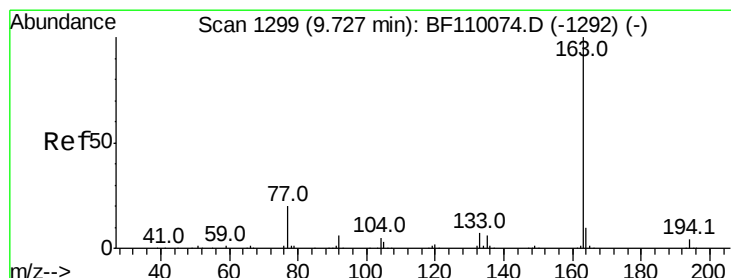
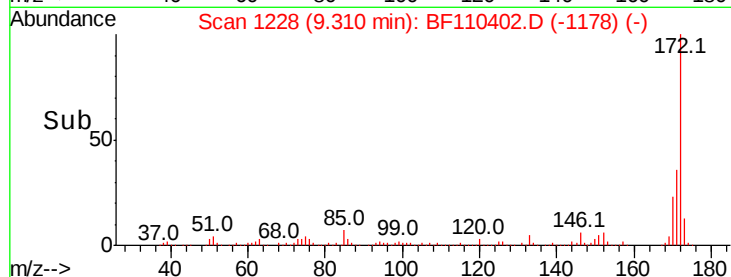
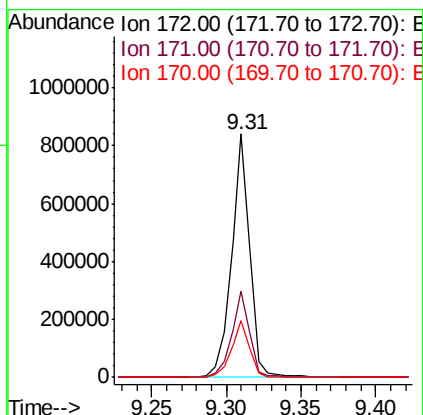
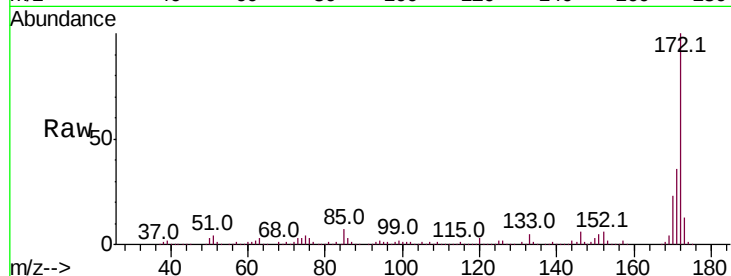




#45
 2-Fluorobiphenyl
 Concen: 71.847 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

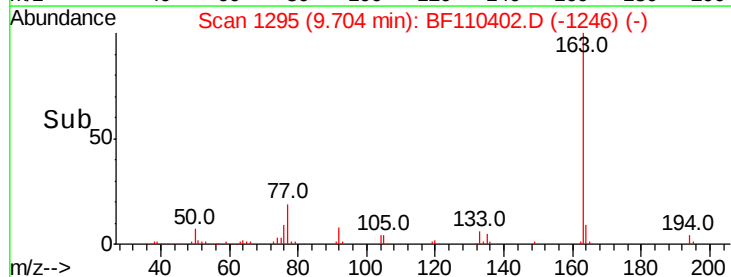
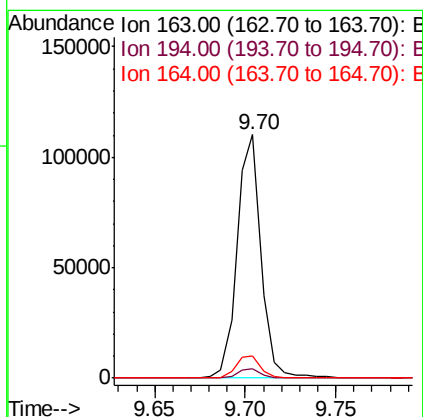
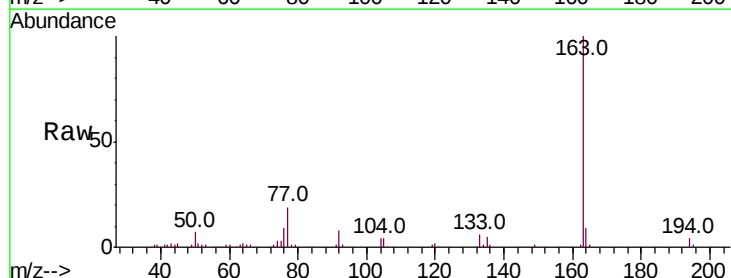
Instrument :
 BNA_F
 ClientSampled :
 TP-2A-S

Tot Ion:172 Resp: 727571
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.5 19.7 29.5



#50
 Dimethylphthalate
 Concen: 8.590 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Tgt Ion:163 Resp: 100832
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 9.2 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

Instrument :

BNA_F

ClientSampleId :

TP-2A-S

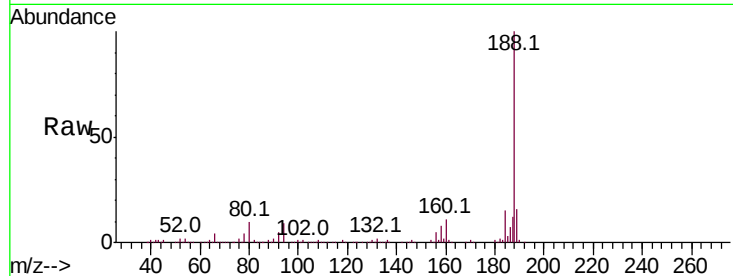
Tot Ion:188 Resp: 286084

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

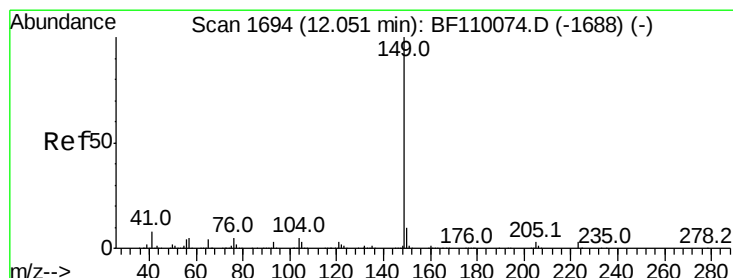
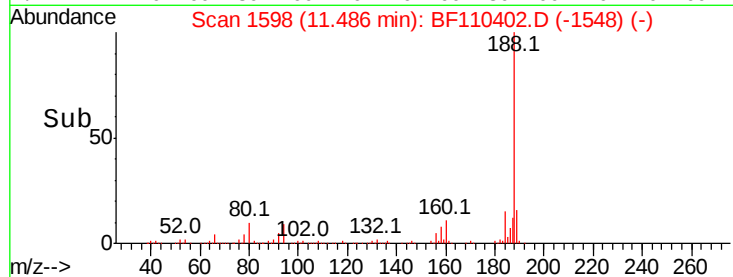
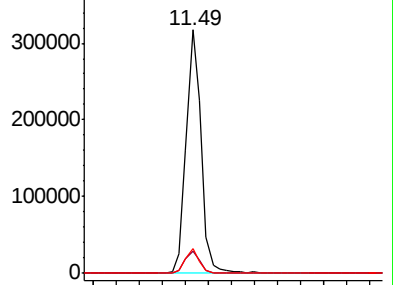
80 10.0 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Di-n-butylphthalate

Concen: 2.202 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

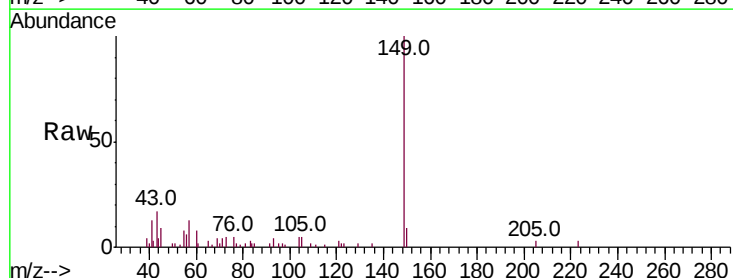
Tgt Ion:149 Resp: 36435

Ion Ratio Lower Upper

149 100

150 8.6 7.7 11.5

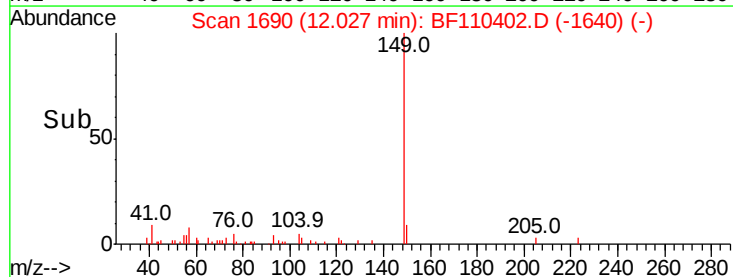
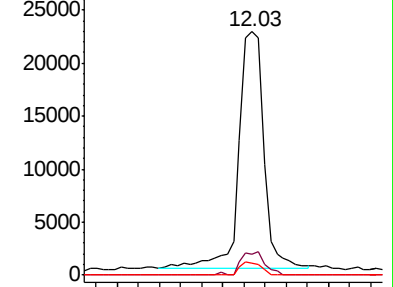
104 4.7 4.2 6.4

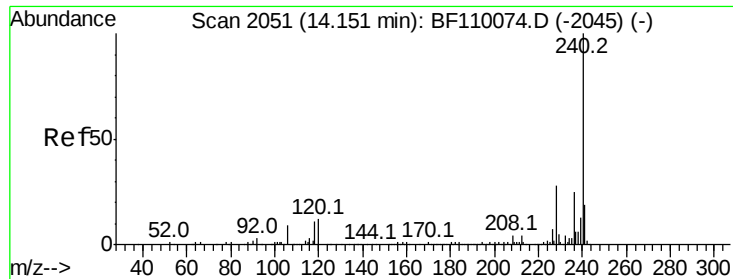


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

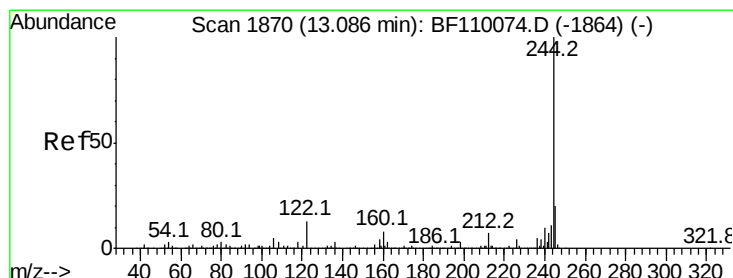
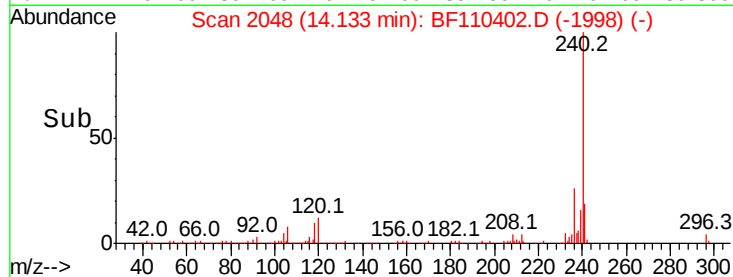
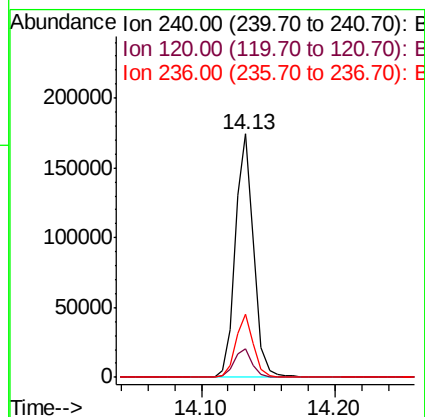
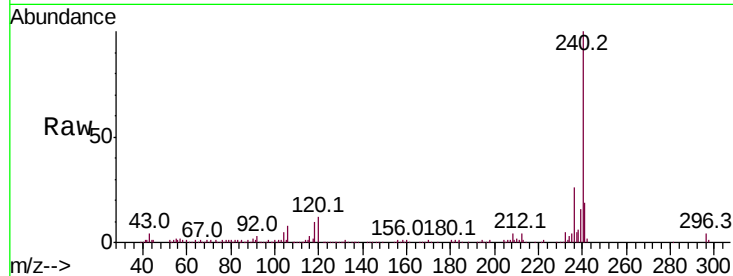




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

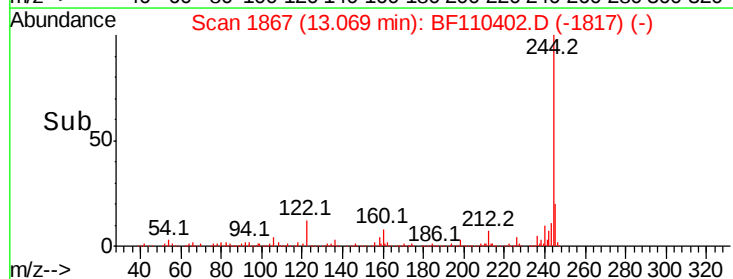
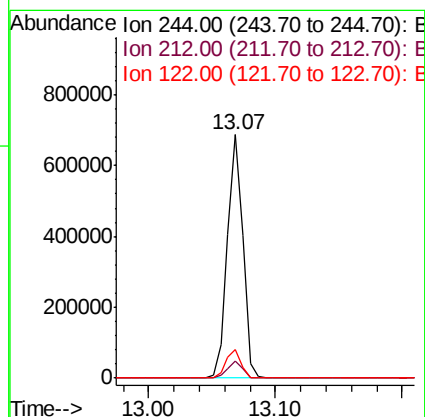
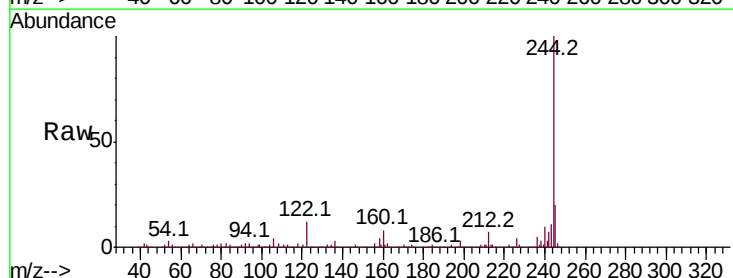
Instrument :
 BNA_F
 ClientSampleId :
 TP-2A-S

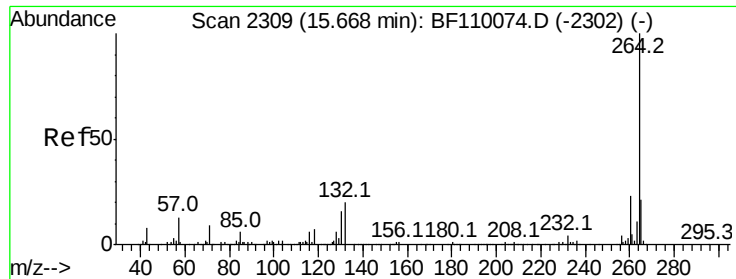
Tot Ion:240 Resp: 167380
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 26.1 21.2 31.8



#79
 Terphenyl-d14
 Concen: 72.646 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Tgt Ion:244 Resp: 584676
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.9 8.7 13.1



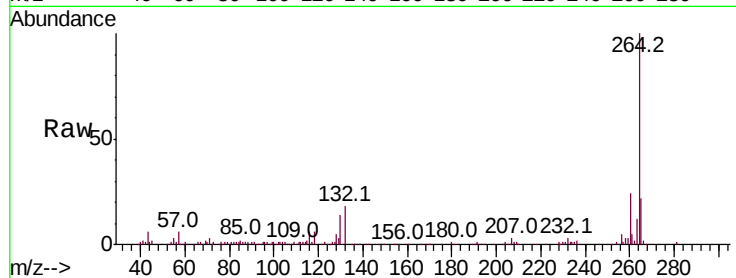


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
TP-2A-S

Tot Ion:264 Resp: 172078

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	16.7	25.1

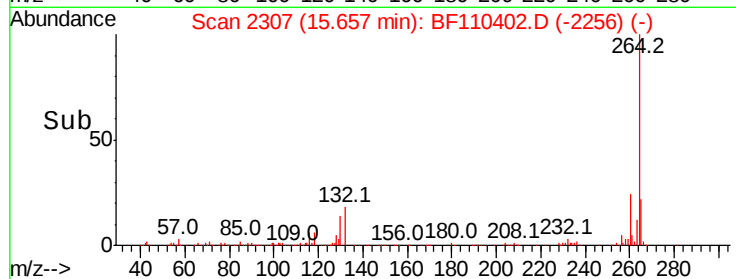
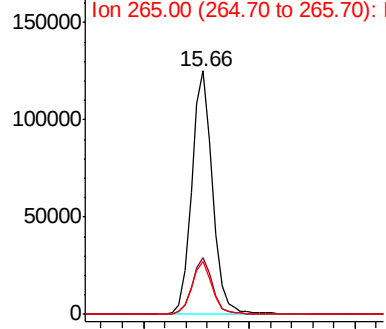


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->